

Abraham, A. B.	396	Atomic clock	35	Bock, Arlie V.	376	Caribou	185	Comb-brush cleaner	64
Abel, Charles G.	279	Atomic energy 103, 104, 108, 115, 120, 345		Bodet, Jaime Torres 102, 169		Carlner, Paul E.	132, 243	Comet Johnson	358
Abel, H. A.	399	Atomic energy controls	150	Bohrer, Vorsila L.	341	Carlson, Anton J.	77	Comets found in 1948	19
Abortions	397	Atomic pile blowers	227	Boilers for cooling	376	Carnahan, R. W.	302	Companions, preferences	312
Abrams, Talbert	151	Atomic pile measurements	249	Boldt, Edward	137	Carob for stock-feeding	375	Compound E	277, 364, 391
Abrahamson, David	324	Atomic warfare	23	Boldt, Elihu A.	47	Carr, William H.	156	Compton, Karl T.	227, 246
Acetate, poison antidote	274	Atomic wastes	82, 323	Bondeau, Rene	83	Carroll, Grayson	392	Conant, James B.	376
Acetylene used safely	214	Auger, Pierre	102	Bone deformity	71	Carroll, Phillip, Jr.	21	Condon, David	316
Acidity checked	371	Aureomycin 8, 249, 344, 375, 403		Bones, broken	264	Carter, B. Noland	5	Condon, E. U.	123, 230, 406
Acromegaly	338	Auto lamp tester	16	Bonner, James	328	Cary, Charles A.	344	Conn, A. L.	174
Adams, Roger	22	Auto-skidding prevented 3, 194		Bonvallet, G. L.	147	Caster, Kenneth E.	147	Conservation	66, 184
Adolescent's dream world	341	Auto washer	16	Born, Max	339	Casting line	100	Contact lenses	409
Adrenocorticotropin	212, 355, 402	Averill, Lawrence A.	263	Bostick, Warren	282	Caterpillars	190	Controulis, John	213
Aehersold, Paul	171	Aviation certifying group	359	Boswell, Victor R.	153	Cave exploration	168	Convertible with solid top	387
AEE building	366	Aviation developments	14	Bourne, G. H.	297	Cavelti, Philip A.	364	Convulsions	3
Affel, Herman A.	339	Axe, forester's	256	Boyd, Charles A.	274	Cavitation	365	Cook, Leslie	100
African dams	28	Aylward, W. R.	185	Bowen, Ira S.	233	Cell details studied	194	Cooke, Basil	28
African expedition	28	B-47 plane	119	Brain conduct	344	Cell regulator	260	Cooke, Morris L.	158
Agassiz, George Russell	31	B-50 bomber	163	Brain tumors	210	Cellano blood factor	310	Cookie cutter	304
Aged, health	205	Baby carriage	176	Brains, aging	371	Cellulose for condensers	105	Coon, J. M.	274
Agricultural Board, NRC	118	Baby garment	384	Branch, Charles	171	Chair pads	272	Cooper, George, Jr.	386
Agriculture census, world	144	Baby holder	96	Brand, Roland J.	281	Chair, plastic	240	Copeman, W. S. C.	364
Ahndt, M. H.	298	Bacher, Robert F.	115, 242	Brandes, Elmer W.	344	Chandler, Albert R.	57	Coral for concrete	393
Air conditioner, home	74	Backer, May	310	Brattain, Walter H.	133	Chaney, Ralph W.	299	Corbin, Kendall B.	388
Air disinfection	13	Bacteria, de-tailed	312	Braude, Abraham I.	8	Character judging	220	Cord holder	320
Air photographs	41, 150, 262	Bacterial cell	4	Brav, Solomon S.	394	Chassis, Herbert	261	Corday, Eliot	391
Air pollution	267	Bacterial changes	247	Brearely, Harry	312	Check form, new	88	Corn	121, 137, 410
Air supremacy	248	Bactericidal lamps	74	Briggs, Lyman J.	391	Chenoweth, Maynard B.	274	Corsage, carnivorous	277
Air travel, world	108	Bag, combination	160	Brill, T. C.	100	Chernoff, Hyman M.	275	Cortisone	391
Airborne dark room	48	Baggage anchor	368	Brobeck, William		Cherries	382	Cosmic rays	149, 165, 296
Airfire gun	244	Bahme, Richard B.	361					Cotton, new qualities	54
Airplane powerplants	185, 265	Bajkov, A. D.	311					Cough remedy	182
Airports	389	Baker, James G.	21					Counter, multiple	144
Alaska needs waterpower	114	Baker, Max P.	355					Courtin, R. F.	393
Alcoholic capacity	388	Baker, Melvin H.	133					Cow ova transplanted	211
Alcoholic drinking	297, 361, 388	Baker, Richard F.	75, 194					Cowdry, E. V.	171
Alcoholics	105	Baker, Rollin H.	168					Cows, dental attention	327
Alexander, Gordon	6	Bales, Robert F.	311					Coyotes	78, 88
Algae for food	342	Banfield, A. W.	79, 185					Crane, Julian C.	47
Alifanhan, A. I.	84	Bardeen, John	133					Crawford, A. B.	248
Alifanow, A. I.	392	Barnard, Chester I.	376					Crib guard	384
Allen, C. H.	79	Barnes, R. Bowling	382					Crime roots	324
Allen, Hollis N.	35	Barr, Thomas C., Jr.	168					Crooks, Harry M., Jr.	213
Allen, J. Garrett	168	Barret, William M.	220					Cross-wind landing gear	24
Alligators	313	Bartlett, S.	9					Csongor, Eve	116
Altschul, A. M.	66	Bartz, Quentin R.	213					Cuccia, C. L.	182
Alvarez, Luis W.	25	Basket-Maker Culture	169					Curnow, D. H.	9
Alvarez, Octavio J.	403	Bates, Thomas F.	99					Curtis, Heber D.	347
Amadon, Dean	340	Bathroom, factory-made	64					Curtis, Lawrence C.	25
Amebic dysentery	141, 386	Bats	79, 248					Cyclone	398
Aminopterin	8	Battery feeder	96					Cytochrome C	371, 399
Amory prize	312	Bears	398					Czapek, Edmund L.	115
Anastasi, Anne	171	Beatty, R. A.	372						
Anderson, E. C.	100	Beck, Hermann	167					Dale, Frank L.	46
Anderson, Mina B.	56	Bedell, H. L.	302					Dam for India	55
Andrew, Warren	111	Beer, James	269					Dandruff treatment	252
Andrews, Christopher H.	130	Beers, Morrison	392					Daniels, Farrington	297
Anemia	278	Beerstecher, Ernest	270					Dart, Raymond A.	9, 373
Anesthetic danger	360	Begg, Norman D.	130					Daul, George C.	280
Anger releases tension	152	Behrend, W. L.	185					Davenport, Demorest	228
Anigstein, Robert	251	Bekezy, Georg V.	398					David, Armand	361
Animal diseases	240	Bell, H. Glenn	136					Davis, Cooper	136
Animal kindness award	104	Bell, Joseph A.	344					Day, Lois A.	393
Animal repeller	212	Beller, Hans	344					DDT	3, 9, 12, 228, 249
Animals health menace	134	Bellingshausen, Fndei	134					Deafness from loud noise	255, 330
Antabuse	21	Bennett, Leslie L.	167					Death rate	121
Antarctic	342	Benzene hexachloride	322					Death rays	184
Antenna	392	Benzenimidzols	195					Deep-breathe exerciser	368
Anti-antibody	160	Beranek, Leo L.	328					Deep sea diving mark	168
Anti-blood clot drugs	260	Berens, Conrad	409					Deer, dogs kill	62
Anti-glare device	366	Berg, Clyde	233					Deers' teeth tell age	265
Antibiotics	255	Bernstein, Marianne E.	339					De Florez, Luis	91
Antipin, S. D.	141	Berry, L. Joe	297					Delo, David M.	50, 406
Antiseptic	378	Betatron, first treatment	405					Delta-wing plane	146
Antivitamins	343	Bickford, R. G.	393					Demerec, M.	165
ANTU	130	Bierman, A.	345					Denton, S. Walter	233
Ape-man teeth	386	Binkley, J. Samuel	161					Desoxyribonucleic acid	83
Arachne	8	Biochemistry, Congress on	166					Detector, flight conditions	359
Aramburu, Thomas	194	Biological warfare	190, 359					DeVinney, Leland G.	343
Archer, Vincent W.	77	Bipeds	366					DFDT insecticide	9
Arentzen, J. Caroline	88	Bird dogs	66					Diabetes	246, 376
Armstrong, Edward R.	171	Birds	25, 153, 190					Diabetes spotting test	390
Armstrong, Roger W.	388	Birge, Henry L.	195					Diamond, R. W.	363
Army veterinarians	389	Bitter, Ruth S.	152					Dictaphone receivers	192
Arnold, J. R.	168	Black, John W.	310					Dictating machine	80
Artane	46	Black, Robert F.	342					Dicumarol	156, 390, 392, 399
Arteriosclerosis	323	Blackledge, Ord C.	392					Dihydroergocornine	261
Art work preserved	322	Blain, Daniel	51, 104					Dihydrostreptomycin	307
Asell, S. A.	240	Blakeslee, Albert F.	28					Diller, J. D.	24
Ash-tray lamp	167	Blanchard, Duncan C.	167					Diplexer network	185
Asling, C. Willett	136	Bleeding	79					Directional-light switch	272
Asphalt emulsion	85	Blickenstaff, R. T.	232					Disinfectant	255
Asphalt test	261	Blimp	242					Disinfectant test	152
Assali, N. S.	194	Blindness victims sought	210					Distinguished Service Awards	344
Astbury, W. T.	231	Bloch, Herbert A.	7					Divorce rates	326
Asthma	19	Blondelle, A. L. C.	76					Dixon, William T.	361
Astronomy in Universities	105	Blood	59, 60, 138					Doan, Charles A.	386
Atwood, E. B.	19	Blood center	300					Doctors, POW-immunity	130
Atlas, Leon T.	105	Blood separation	275, 314					Dogs	9, 57, 350, 351
Atlee, Z. J.	344	Blood stickiness test	323					Dolormetry	163, 300
Atom bomb	141, 184, 344	Blood transfusions	291					Donal, J. S., Jr.	182
Atom smashers 57, 99, 100, 114, 131, 132, 265, 278, 291, 405		Bloomfield, Arthur L.	13					Door knocker	32
Atomic aircraft	76	Blount, Walter P.	83					Downing, John Godwin	392
Atomic bomb charge size	57	Blout, E. R.	265					Downs, Wilbur D.	168
		Boat, scavenger	192					Dozier, Herbert L.	313
								Dramamine	132, 243

SCIENCE NEWS LETTER

Index—Vol. 55

Nos. 1-26—January to June, 1949

Published by

Science Service, Washington, D. C.

Lift out and insert in binder at beginning of volume.

Drapery fixture	352	Fichter, Joseph W.	110	Geological institute	406	Heart clinic	358	Iron ore	244
Draw-a-person test	357	Fido	220	Geometric models	298	Heart disease	5, 232, 393	Isaacs, John D.	79
Dresher, Melvin	18	Field, John	286	Gerard, Grace B.	153	Heart flutter	391	Isely, Frederick B.	105
Driggers, J. Clyde	221	Fig ripening	47	Gerard, Ralph W.	276	Heartbeat	66, 96	Isotope	124
Drinking cup	128	Fink, Colin G.	323	Gerasimov, S. A.	157	Heartburn	84	Isotopes without charge	164
Drinks recipe strips	322	Fire alarm system	336	Germ warfare antidotes	196	Heater in glass	104	Italian underground water	41
Driscoll, R. L.	230	Fire extinguisher 12, 32,	48, 106, 352	German scientists	8	Heater-speaker	320	Itching	280
Drolet, Godias J.	329	Fischberg, M.	372	Germanium for transistors	133	Hebel, Herbert D.	386	J-47 turbojets	373
Drug's effects charted	195	Fischer, Hermann O. L.	308	Germicide	32	Hektton, Ludvig	396	Jacchia, L.	21
Dubos, Rene J.	329	Fish bag	224	Germis from clothes	18	Helicopter	18, 121	Jack, Nancy Koplin	17
Ducks	322, 345	Fish fossils	89	Germis hit by inflation	38	Helicopter, twin-rotor	377	Jackson, Edna	291
Duckworth, Henry E.	342	Fish gripper	288	Gerrits, Dirk	134	Helium liquefying	134	Jackson, Elizabeth B.	213
Dudley, Homer	328	Fish, plastic	336	Geshell, Arnold	372	Heller, J. R., Jr.	171	Jackson, Warren, Jr.	233
Duff, R. H.	345	Fish shower	311	Ghosh, D.	264	Hellman, Leon	212	Jaggat, T. A.	63, 184
Duguid, J. P.	18	Fishes	79, 118, 131	Ghosts in radio reception	175	Helmholz, A. C.	100	James, Maurice T.	15
Duke, C. Martin	393	Fix, Philip F.	360	Gibbins, Walter	100	Hench, Philip S. 277, 364,	391	Jannay, Herman J.	268
Dunkle, David H.	89	Fleishman, Edwin A.	324	Gibson, John G., II	275, 314	Henderson, E. P.	66	Javert, Carl T.	163
Dunklin, Edward W.	74	Fleming, Philip B.	77	Gilbert, E. W.	69	Hendricks, J. V.	79	Javes, A. R.	235
Dunphy, Edwin B.	196	Flieg, Walter A.	391	Gilbert, Newell C.	392	Henize, Karl G.	77	Jech, C.	281
Durie, D. S. L.	284	Flies	12, 158, 330	Giles, LeRoy W.	35	Henschel, Austin	285	Jenner, Edward	327
Dust, A-bomb hazard	281	Flight recorder	117	GI's attitudes	343	Heparin	261, 390, 392	Jet climbing speed	214
Eagles	126	Flower, M. S.	265	Givens, Willard E.	262	Heredity chemical	243, 322	Jet engines 24, 51, 172,	294
Ear diseases	169	Flower-pot container	208	Gland disorders	393	Herrell, W. E.	249	Jets for civil transports	281
Ears muffle own noise	398	Flowers 142, 238, 254, 302,	350	Glass clothing	386	Hersberger, Arthur B.	75	Jets for military use	321
Earth, early climate	299	Fluorescent lamps	54, 240	Glass, folding	192	Hertz, R.	141	Johnson, E. L.	352
Earthquake weather	278	Fluorine	93, 169	Glyceroldehyde	105	High blood pressure	261	Johnson, Ford L.	328
Earth's atmosphere	126, 404	Fluorine precautions	182	Godrich, Jack	152	Highway lighting	114	Johnson, George R.	21
Earth's magnetic field	69	Fluorocarbons	4, 93, 136	Golter	231	Hilbert, G. E.	54	Johnson, Josef J.	404
East, Edward M.	410	Flying boats, British	313	Goldberg, Edith	8	Hildebrand, Fred A.	99	Johnston, H. L.	404
Eating habits	310	Flynn, Helen	392	Goldberg, Edward	249	Hildebrand, Joel H.	376	Joint fluids	377
Eaton, L. M.	402	Foamglas	312	Goldman, J. E.	137	Hildebrandt, E. H. C.	298	Joliot-Curie, Frederic	180
Echo-proof chamber	267	Fog dispersal	148	Goldring, William	261	Hiltner, W. Arthur	133, 307	Jones, Donald F.	410
Edelstein, Julius C. C.	8	Folley, S. J.	9	Goldschmidt, Bertrand	103	Hipple, J. A.	230	Jones, R. C.	283
Edmondson, Frank K.	149	Folsom Man	166	Goldschmidt, Richard B.	39	Histamine	322	Joslin, Elliott P.	246
Edstrom, Gunnar	364	Folsom, R. G.	183	Goldschmidt, Margaret T.	344	Hoagland, Hudson	355	Jukes, T. H.	141
Edwards, Gladys T.	110	Fontaine, Thomas D.	260	Goodell, Helen	280	Hoch, Paul H.	358	Kaftanov, S.	95
Edwards, Herbert R.	329	Food and people 199, 214,	215, 397	Goodspeed, G. E.	278	Hockett, Robert C.	105	Kahn, Morton C.	324
Egg-laying	221	Food bags	352	Gordon, Donald A.	25	Hodge, Edwin S.	204	Kalitsinsky, Andrew	76
Eggers, G. W. N.	71	Food chemicals	231	Gould, William B.	281	Hodges, James	25	Kaloyreas, Socrates A.	141
Eggs, freezing of	143	Food poison	40, 83	Gourlay, Stewart M.	60	Hoezel, Frederick	77	Kalter, Seymour S.	248
Eichhorn, Irvin	228	Food-population problem	41,	Gouty arthritis	212	Hollis, W. J.	23	Kane, E. D.	180
Einstein's theory of relativity	170	Food yields	166	Graham, David T.	280	Holly, new variety	23	Karon, M. L.	188
Einzig, Paul	71	Food, new varieties	55	Graham, John B.	197	Holmes, Charles H.	295	Kartus, Sam	136
Eisenhower, Milton S.	41	Food-and-mouth disease 40,	228	Graham, John W.	69	Holobek, J. E.	79	Katz, Morris	242
Electric fan	64	Foreigners, portrayal of	356	Graham, Ruth M.	197	Hood, Richard	151	Kaufman, John D.	149
Electric outlets	304	Foreman, Robert W.	233	Grand, C. G.	152	Hoogstraal, Harry	28, 86	Kaufmann, Edward J.	149
Electric plugs	272	Forrestal, James	196	Grass, sex hormone in	9	Hooker, Charles W.	345	Kell, Ray D.	230
Electric switch	160	Forro, Frederick, Jr.	264	Gray, Seymour	314	Hoover report	29	Keller, Donald E.	184
Electric transformer	176	Foul ball indicator	155	Green, H. S.	147	Horses to disappear	236	Kellgren, Jonas H.	278
Electron coupler	182	Foulds, L.	284	Green, Morton	88	Hospital bed	336	Kenaf fiber	247
Electron wave tube	88	Fox, Helen M.	361	Greenberg, Joseph H.	120	Hospital costs to rise	254	Kendall, Edward C.	19
Electronic assembly	197	Fox, Samuel L.	169	Greenberg, L. D.	390	Hot-water air valves	224	Kessel, Edward L.	277, 364, 391
Electronic computer	222	Foxes, large-eared	403	Greenstein, Jesse L.	20	Hottle, George A.	19	Kesteven, K. V. L.	124, 131
Elephant evolution	243	Franklin, A. L.	141	Greer, Monte A.	231	Hou, H. C.	153	Ketcham, Gilbert	297
Elephant with TB	56	Fraps, Richard M.	345	Greer, William E. R.	69	House insulation	24	Key carrier	153
Elevation meter	328	Freeley, Norma	291	Greisen, Kenneth I.	149	Houseplants	140	Keys, Ansel	281
Elk	185, 311, 316, 403	Freezing point	264	Grey, D. S.	265	Housing should be taught	153	Kierland, Robert R.	249
Elisson, J. H.	76	Freiberg, Albert D.	67	Grim, Ralph E.	230	Houssay, Bernardo A.	234	Kierisch, George A.	278
Elmen, G. W.	141	French atomic pile	103	Grimson, Keith	261	Hoves, Edward L.	169	Killian, James R.	130
Elsasser, William A.	281	Frenkel, Herman	228	Grinberg, G.	41	Hubble, Edwin P.	274, 406	Kimbball, John W.	152
Emlen, John T.	2	Freyberg, Richard H.	364	Grouse dance	228	Hubbs, Carl L.	79	Kinophoto equipment	231
Emerson, Charles P.	314	Friedman, A. M.	399	Growth hormone	167	Hudson, D. G.	262	King, G. E.	292
Emotional flexibility test	357	Friedman, Meyer	261	Guidit, O. M.	9	Huebner, W. C.	296	Kinsell, Laurence W.	338
Employees, motivation of	245	Frings, Hubert	8	Guhd missiles	103, 371	Huggins, Charles B.	8, 259, 275, 348	Kinsey, V. Everett	397
Enameller, S. L.	282	Fruits	7, 55	Gumpert, Martin	57	Hughes, Joseph F.	31, 347	Kirby, C. K.	54
Enamel for alloys	40	Frye, Richard N.	10	Gutman, Alexander B.	8	Hulbert, Henry S.	31, 347	Kirk, Esben	54
Endemic	308	Frying pan	384	Gutman, Ethel	8	Humidity affects piano	329	Klingman, Walter O.	271
Energy, new source	103	Frying, Charles P.	327	Gye, W. E.	280	Humidity kills germs	74	Klosky, Simon	44
Engines, propeller-turbine	360	Fubini, E. G.	185	Haef, Andrew V.	88	Hunter, Richard	281	Klumpff, Theodore G.	212
Envelope addresser	160	Fuel economy	269	Hagen, John P.	21	Hurst, H.	255	Knife holder	180
Enzyme action in cancer	172	Fuel tank, fire-resisting	135	Hahn, George L.	243	Hurt, L. M.	327	Kniesly, Melvin H.	367
Erdman, Donald S.	118	Fulton, Robert E., Jr.	56	Hailey, Lord	238	Hurtado, Alberto	152	Knitting box	389
Eskimos	377	Fungus infections	310	Hall, Eldon W.	206	Husek, H.	265	Knudson, L.	381
Espehschied, Lloyd	339	Furnace, electric	352	Hall, John S.	133, 307	Hutcheson, John A.	165	Koch, C.	28
Ettlinger, Martin G.	231	Gage	400	Hall, N. S.	82	Hutchinson, J. C. D.	40	Koch, Karl	150
Evans, H. J.	295	Gage, self-recording	64	Hall, S. A.	233	Hyde, J. L.	232	Kock, Winston E.	133
Evans, Herbert M.	167	Gallium-72	344	Halpern, Sophie	248	Hydroponics	140, 204	Koff, W. J.	8
Evans, Robley D.	243	Galloway, Thomas C.	393	Hambidge, Gove	214	Hypodermic syringe	88	Koneff, Alexei	167
Evergreens	206	Gallstone detector	53	Hamburg, Charles H.	23	Hypsometer	307	Kopal, Z.	21
Evolution	152	Game animals, winter-killed	190	Hamilton, James B.	56	Ice removal on trees	95	Kracauer, Siegfried	334
Evolutionary change	291	Gamma ray spectrum analyzer	11	Hamilton, Joseph G.	339	Isager, Holger	85	Kretzmer, Ernest R.	171
Eye diseases	146, 195, 210	Gaposchkin, Sergei	22	Hamilton, W. F.	261	Incendiary tack for war	268	Krill, Walter R.	104
Eyeglass case	208	Garcia Lopez, Guillermo	130	Hammer	400	Indian murals	167	Kritzler, Henry	60
Eyeglass cleaner	32	Gardner, Grace M.	375	Hammer, combination	208	Indians	166	Kroll, John G.	284
Eye's index point mapped	294	Gardner, Guy B.	105	Hammond, John W.	410	Indians lived underground	142	Krug, J. A.	22
Fabric wear	313	Garment bags	144, 192	Handbag	112	Influenza Center	13, 37, 76	Kruse, C. W.	104
Fabrica, protein fiber	344	Garnett, Richard W., Jr.	371	Hand, mechanical	336	Influenza vaccine	111	Kruger, H. E.	397
Fadeef, A. A.	157	Garratt, George A.	409	Happiness	85	Influenza virus	345	Kuiper, Gerard P.	126
Fairley, DeLorez M.	375	Gas freezing	42	Harbor maintenance	68	Infra-red heating unit	384	Kundu, D. N.	313
Family relationships	56	Gas masks	153	Hardy, James D.	163	Ingersoll, Hazel L.	56	Kuzel, William C.	375
Fan, midget	176	Gas, new process	232	Harney, Patrick J.	153	Ingle, Robert M., Jr.	147	L-726-8 star	279
Farley, George	100	Gases in atmosphere	264	Harrington, Robert G.	406	Inhaler-vaporizer	32	Laboratory, highest	152, 293
Farm accidents	104	Gashwiler, Jay S.	322	Harris, Irving D.	360	Insecticides 230, 232, 233,	256, 330	La Colombiere pebble	198
Fashion leaders	13	Gates, Aubrey D.	110	Hart, B. H. Liddell	300	Insects	15, 62, 92, 105,	Ladder hook	304
Faulconer, A. Jr.	393	Gaugler, Edward A.	141	Hart, Deryl	387	Insects anesthetized	185	Ladybirds	222
Faulconer, F. M.	302	Gay, Leslie N.	132, 243	Hart, Dudley	295	Insects, antibacterial agents	8	LaForge, F. B.	230
Feder, Melvin S.	206	Geiger counters	361	Harter, H. M.	399	Insulation	112, 272	Laird, R. L.	403
Fellows, Edwin J.	195	Geisser, C. Robert	174	Hartman, Frank W.	291	International Basic Economy Corp.	227	Lal, B. B.	167
Fellowships for atom jobs	347	Geisse, John H.	24	Hartogs, Renatus	357	International Temperature Scale	247	Lamp, neon glow	288
Fender protector	412	Genes	75, 83	Haskin, Harold H.	246	Iron ore	244	Lamps, sealed-beam	146
Fenn, George K.	392	Genetics	165	Hass, Henry B.	232	Isaacs, John D.	79	Land, E. H.	265
Fermi, Enrico	307	Geoghegan, J. J.	139	Hatch, Brainerd G.	88	Isely, Frederick B.	105	Landsberg, H.	25
Ferris, Eugene B.	261			Hawaiian volcanoes	63, 184	Isotope	124		
Ferritin	295			Health insurance	110	Isotopes without charge	164		
Fertility hormone, FSH	377			Heart action	275	Italian underground water	41		
Fiber, textile	364					Itching	280		
Fibrositis	364					J-47 turbojets	373		

243	Jane, Cecil T.	309	Mahon, Hugh	307	Movius, Hallam L., Jr.	198	Papanicolaou, George N.	8	Psychiatric anti-war pre-
73	gangman, Louis	309	Maisin, J.	175	Mucilage applicator	272	Para-aminosalicylic acid	307	scription
105	gangmuir, Irving	167	Majnarich, John J.	66	Mulholland, H. B.	104	Parachute tester	304	Psychiatric awards
124	gapp, R. E.	344	Male births	310, 339	Muller, H. J.	243, 297, 374	Parachute watch	96	Psychological shorthand
164	gardy, Henry A.	264	Male lifespan	56	Multi-coupler	185	Paritol	390	Psychopenetration
41	garsen, William E.	338	Male reproductive cell	264	Multiple sclerosis	44, 399	Parker, David B.	141	Puck, Theodore T.
280	garrison, R. E.	373	Man-apes	373	Munro, J. A.	15	Parker, F. W.	82	Purcell, J. D.
373	gator, Marinus H.	281	Manchester, Harlan	362	Murderers, world's first	373	Parpanit	195	Puslecki, Frank
12	laundry bag	336	Manganese deposits	147	Murphy, Thomas	69	Parasmanik, Benjamin	371	Pygmy ape-man
21	laurel, A. Helge F.	194	Mangum, George H.	291	Murray, Henry A., Jr.	376	Patterson, G. N.	92	Pyrethrum synthesized
291	lawless, Deaner K.	86	Mann, Ida	280	Mushrooms	318	Pauling, Linus	312	Pyridoxine lack
213	lawrence, Barbara	119	Mann, William	402	Music on tape	85	Pavelenko, T.	157	
235	lawrence, John H.	278	Marden, Charles F.	31	Muskrat, white	313	Payne, E. H.	213	
3, 184	lawson, Douglas F.	92	Markites	268	Myanesis	195	Pea processing	141	Quaternary ammonium
15	lawson, James L.	11, 291	Markley, W. F.	153	Myasthenia gravis	402	Pearce, Joseph A.	22	compounds
268	lawson, Robert W.	66	Marriage	136			Pease, Daniel C.	75, 194	Rabbits
163	Lazarsfeld, Paul F.	325	Marrian, Guy F.	8	Naffziger, Howard	136	Peepholes for doors	64	Rabies
243	leak detector	144	Married couples	133	Nahum, Louis H.	275	Peiss, Clarence N.	286	Rackemann, Francis M.
263	leake, Chauncey D.	195	Marsh, D. F.	351	Nalefski, L. A.	392	Pelican helicopter	245	Radar
281	leander, Richard	397	Martin, James	24	Name tape	192	Pellagra	137	Radar reflections
327	lechevalier, Hubert A.	211	Martin, Marvin	99	Nason, Alvin	137	Peng-fu, Li	373	Radar spots fast meteors
214	leg brace	77	Martin Mauler plane	38, 80	National Parks	8	Penicillin	13, 130	Radiation
2, 294	lemere, Frederick	388	Martin, Paul S.	142	National Science Founda-	246	Pennell, Robert B.	315	Radiation effects
294	lomon, Henry M.	172	Martinis, Ernest L.	194	tion	9	Pentecost, Horace T.	121	Radiation immunity
352	le Moyné, Guy P.	322	Marvel, Carl	214	Natural resources	240	Pentothal	388	Radiation martyrs
225	lemur	86	Mathematics and strategy	18	Neff, J. A.	41	Perfume measure	16	Radiation protection
21	lester, William, Jr.	74	Matz, C. H.	265	Neher, H. V.	296	Perlman, Henry Harris	118	Radiation slide rule
406	leukemia	386	Mauchly, John W.	222	Neher, M. B.	232	Pernicious anemia	66	Radio call signs
51	levin, Paul M.	402	Maya-speaking Indians	329	Neidig, C. P.	75	Persian inscription	10	Radio channels
377	levine, Philip	310	Mayes, Fred M.	328	Neiman, Irwin S.	342	Petroleum gas separation	233	Radio dial bulbs
10	lewis, M. T.	25	Maynard, Leonard A.	281, 329	Nelson, Allen K.	155	Petty, Ben H.	120	Radio frequency bands
419	lewis, Taylor D.	89	Maynard, Robert L.	392	Nelson, J. Eugene	261	Pfund, A. H.	249	Radio frequency standards
265	lewis, Warren K.	59	Mazur, Abraham	295	Nelson, Thurlow C.	246	Phenothiazine compounds	195	Radio license
246	lewithwaite, Raymond	213	Measurements	328	Nelson, W. L.	82	Phillips, Wendell	28, 159	Radio transceiver
141	ley, Herbert L., Jr.	213	Measles	138	Neomycin	211	Phone booth	88	Radio waves pierce earth
95	Li, Choh Hao	167, 280, 338	Medical care	12, 29	Nepal relics	137	Photographs	144, 184	Radioactive calcium
284	Libby, W. F.	171	Meehan, W. F.	174	Nervous system	276	Photographic emulsion	204	Radioactive elements
143	Liddle, Uner	296	Meissner, H. P.	41	Newman, Henry W.	389	Photographic floodlight	256	isotopes
545	Liebhaufsky, Herman A.	232	Menhaden	180	Newspaper reading	325	Photographic plane	151	phosphorus
182	life jacket	296	Menninger, William C.	51, 104	Newton, Berne L.	3	Photographs, three-color	265	
148	Lifshitz, Marcia	31	Mental age	411	Newton, Roy C.	281	Photosynthesis	242	Radioactivity detector
134	light pipe	83	Mental hospital workshop	104	Nicotinic acid	361	Physical theory	147	Radioactivity test
245	lightning-stroke voltage	247	Mental illness	40, 139, 322	Niederl, J. B.	75	Picnic carrying case	336	Radium
76	Likert, Rensis	245	Mercury turbine-generator	172	Nitrogen, new kind	313	Pierce, J. A.	22	Rain repellent, FC-10
109	Lilienthal, David E.	104, 232, 331	Merritt, H. Houston	44	Noise	328, 398	Pijper, Adrianus	312	Raindrop behavior
543	Miller, William	22	Mesons by radiation	99	Norcross, Bernard M.	358	Pike, Sumner T.	242	Rainfall temperature
230	Lincoln, Frederick C.	190	Metals strengthened	123	Normal people studied	376	Pillows, paper	320	Randall, J. T.
104	Lincoln, H. Stanley	307	Meteor crater	295	Norris, Earl R.	66	Pilot bed, prone position	114	Rand, Henry J.
374	Link, Henry C.	67	Meteorites	21, 22, 66, 259, 348	North Africa over-peopled	117	Pilots, protection for	24	Randhawa, G. S.
282	liquid hydrogen motor	51	Meyerhoff, Howard A.	82, 361	North Atlantic Defense Pact	198	Pincher, Chapman	243	Range finder
1	liquid level transmitter	368	Mice	2	Noses, ears to order	258	Pincus, Gregory	355, 372	Ranney, Leo
372	liquid oxygen converter	277	Michael, S. T.	251	Nu-445, sulfa drug	392	Pine trees	12, 94	Rashevsky, N.
1	lithium chloride	149	Michaels, George D.	338	Nungester, Walter J.	340	Pipkin, Marvin	15	Rasmussen, D. I.
282	Littlejohn, Caroline S.	179	Mickley, H. S.	41	Nutrition	180	Pisano, Rocco G.	252	Rats
24	livestock breeding	52	Microfilm reader	176	Ober, William	294	Pistol-grip handle	400	Rattlesnakes
24	Livingstone, H. K.	232	Microphone, miniature	288	Object spotted	149	Pit-houses	142	Ray, Francis E.
27	izards for snake feed.	76	Milanes, Fernando	130	Ocean bottom	154	Pittman, Margaret	344	Razor, electric
27	Locusta, British to raise	252	Miles, Walter R.	294	O'Connor, Basil	59, 186	Plane mock-ups	91	Reading ability
130	Logan, Catherine E.	364	Milk containers	412	Octopus	110	Plane, roadable	56	Rebound device
152	Lodson, C. S.	164	Milk yield increase	9	Oels, Helen Claire	156	Planes, at speed of sound	94	Rebstock, Mildred C.
231	Long, Joseph A.	167	Milky Way light	133	Offenhouse, W. H., Jr.	326	Plants	14, 28, 82, 104, 282, 303, 386	Recording opinion meter
302	Long, Loren M.	214	Miller, C. D.	166	Offset printing	128	Plaster blistering	232	Red squill
338	Loomis, R. C.	265	Miller, Dola F.	3	O'Hollaren, Paul	388	Plastic binding unit	368	Red supergiant stars
14	Lopez Toca, Ruben	130	Miller, Donald S.	287	Oil	137	Plastic coverings	320	Reddeck, J. G.
54	Lowdermilk, Walter C.	117	Miller, John H.	402	Oil cans	412	Plastic foam	243	Reed, Charles A.
371	Lundin, Bruce T.	206	Miller, Shirley	312	Oil from coal	293	Plastic liquid	352	Reeder, William G.
44	Luscher, E.	270	Millman, Peter M.	259	Oil products	233	Plastic pipes	309	Reel
212	Luyten, Willem	279	Milner, Harold W.	6	Oil wastes in streams	302	Plastics, conducting	268	Reeves, Frank
180	Lyons, Harold	35	Mindzenty, Cardinal	153	O'Kane, Walter	232	Plastics, refrigerator, dry-ice	304	Rehder, Henry
361	Lyenko, Trofim	39, 95	Miners, death causes	391	Old age	56, 57	Platou, G. W. E.	264	Reichelderfer, F. W.
358			Miniaturization	268	Old Faithful geyser	360	Playpen whirl toy	368	Reid, J. David
381	McAuliffe, A. C.	50	Mining production	70	O'Leary, Paul	249	Plug, electric	400	Reiss, Frederick
28	McCall, G. L.	258	Minor, Allen H.	275, 314	Oliver, Henry L.	100	Plumbing	148, 309	Remote control unit
159	McCann, D. J.	302	Mirsky, A. E.	83	Oliver, R. M.	233	Pocket case, transparent	412	Repellent for crops
133	McChure, F. J.	182	Mirror, rear-view	112	Olsen, C. R.	174	Poison gas	153	Research, freedom in
167	McCrosky, Richard E.	21	Miscarriages	396	Olson, Byron J.	344	Polio	85, 131, 393	Research recovery
21	McCurdy, Harold Grier	60	Mist sprayer	176	Olson, Theodore A.	83	Polio viruses research	185	Resin-rosin
218	McDougall, William	60	Mitchell, S. A.	297	1080, rat killer	274, 378	Pollard, Ernest C.	264	Retallia, John T.
322	McEvvitt, William G.	392	Mittens	144	Onion, wild of India	24	Polley, Howard F.	277, 391	Reutner, T. F.
332	McFadden, Edgar S.	344	Mitts, kitchen	16	Onset printing	296	Pomerat, Charles M.	71	Revolvers
336	McFarland, Ross A.	57	Mitwally, M.	28	Oort, Jan Hendrik	307	Pomes, A. F.	168	Rh blood factor
174	McGoldrick, Fred	76	Mixer, electric	112	Opabin, A. I.	157	Ponder, Ruth	310	Rheumatism
104	McGraw, M. E.	76	Mobile telephone service	39	Opossum's diet	411	Pool, M. L.	114, 313	Rheumatoid arthritis
60	McGrath, Ralph M.	328	Moessner, Karl E.	13	OQ-19A, target plane	3	Pool, rubber-like	256	Rheumatoid spondylitis
386	McIntire, Ross T.	60	Moisture meter	384	Orchid seedlings	361	Porcupines	88	Rhoads, Paul S.
22	McKay, Hazel H.	260	Molasses, wood	121	Ore deposits	363	Post, R. L.	15	Rice, J. B.
269	McKenzie, Kenneth	100	Molded material	400	Origins of life probed	234	Postal scale	80	Rich, A. Stewart
391	McLearn, Frank	297	Money	71	Osborn, Fairfield	9	Potato sprouting	76	Richardson, Robert S.
104	McKinley, D. W. R.	259	Monkeys, miniature	402	Ostreedynamometer	147	Pouring spouts	400	Ricketts, Howard Taylor
325	McKinsey, J. C. C.	18	Moody, James D.	387	Outboard motor shift	176	Powell, C. F.	342	Riley, John W., Jr.
126	McLaurin, J. W.	169	Moore, Norman S.	114	Oven, folding	336	Powell, Marvin J.	275	Rinehart, J. F.
313	McLean, R. A.	195	Moore, Sherwood	387	Owen, H. Malcolm	147	Powell, Wilson	100	Ripeness measured
375	McLeod, John	149	Morey, George W.	11	Owner, F. M.	360	Power plants, portable	88	Risser, Joseph
279	McMillan, Edwin	99	Morgan, Herbert R.	360	Oxygen, liquid for pilots	172	Power timing light	80	Rittenhouse, Walter
298	McVay, L. V.	403	Morgan, Karl Z.	82	Oysters, red	246	Powers, Edmond C.	395	Ritter, William E.
198	Macite, explosive	89	Morrison, Samuel Eliot	56			Prefabricated track parts	76	River valley conservation
304	Mac, Pauline Beery	84	Morrison, W. C.	185	Pacific fulmars	60	Pregnancy in elderly	390	Roads, cost of
222	Mackintosh, R. H.	373	Moses, Harry	153	Page, E. W.	261	Prehistoric animals	403	Roberts, Arthur
230	Maduell, Charles R., Jr.	147	Mosquito song records	326	Pain in childbirth	163	Premature infants	146	Robertson, B. E.
408	Magill, Thomas P.	76	Moss, Lloyd H.	375	Paint	368	Present, I.	95	Robertson, O. H.
167	Magnetic alloys	137, 141	Moth protection	208	Paint, masking solution	96	Pressey, S. L.	57	Robie, Theodore R.
288	Magnetic fluid clutch	111	Mothers flunk and forget	326	Paint, spray	80	Prinzmetal, Myron	391	Robins, Harold M.
146	Magnetic iron in space	307	Motion picture machine	208	Palma, Louis H.	232	Progestone	345	Robins, Eugene G.
265	Magnetism	137	Mousetrap	144	Palmer, Nathaniel Brown	134	Promin	307	Rock porosity
25	Magruder, Roy	25	Movie of living cells	152	Palomar telescope	274	Promizole	307	Rocketfeller, Nelson
			Movies for science teaching	184	Palsy	195, 388	Prosperity threats	67	Rocket Viking

Roe, A. V.	172	Shanklin, R. E.	174	Sterling, Robert F.	243	Tobias, C. H.	278	Water, "rope" of	312
Rohats, N.	57	Shapley, Harlow	31	Stevenson, George H.	51, 139	Tolsterol	195	Water supply	77, 362
Rozin, Leon	399	Sharp, Lauriston	56	Stevenson, John A.	358	Toluidine blue dye	79	Watering can	283
Roman ruins	258	Sharpener	224	Stewart, C. M.	69	Tomatoes	47, 373	Watkins, Arthur L.	85
Roof rafter lengths	288	Shaw, James H.	105	Stewart, T. Dale	9, 329	Tomlin, S. G.	194	Watson, Bernard A.	376
Ropes, Marian W.	377	Shears for lawn	242	Stick, pick-up	176	Tooth decay	105	Watson, Fletcher G.	367
Rosahn, Paul	278	Sheep, Alaska mountain	324	Stieckney, J. C.	351	Topping, Norman	19	Wear, G. E. C.	233
Rosebury, Theodor	359	Shelf paper, washable	112	Stiebeling, Hazel K.	180	Torda, Clara	402	Weather	332
Ross, Delmar G.	38	Sherrill, Joseph C.	84	Stieglitz, Edward J.	205	Torque magnetometer	287	Weather code	25
Ross, Edward	204	Shihala, George E.	387	Stilts for youngsters	112	Torreson, O. W.	69	Weather forecasts	279
Roth, Hans	377	Shimkin, D. B.	67	Stokstad, E. L. R.	141	Tourtellotte, W. W.	274	Weather, man-made	297
Roth, Louis M.	185	Shimkin, Michael	339	Stomach rupture danger	30	Tousey, R.	294	Weather reporting pact	348
Rowland, S. J.	9	Shindler, Thomas O.	71	Stone, Robert E.	130	Track-layer	76	Weatherdromes, floating	194
Royalty, IQ of	322	Shirt fronts	368	Storch, Henry H.	2	Track-type landing gear	244, 357	Weaver, Albert B.	152, 293
Rube, W. W.	264	Shock, Nathan W.	56	Storer, Tracy I.	252	Traeger, Cornelius H.	44	Weidlein, Edward R.	91
Ruchhoff, C. C.	82	Shock treatments	139	Storvick, Clara A.	310	Traffic deaths	395	Weissbrod, Harold	168
Rudnick, I.	84	Shock tube	92	Stouffer, Samuel A.	343	Traffic lights	89	Weiss, Edward	376
Ruiz Casteneda, M.	8	Shorr, Ephraim	295	Straith, Richard E.	392	Traffic study	60	Welder, high frequency	272
Ruler	80	Shostakovich, Dmitri D.	157	Straub, L. G.	55	Traffic hitch	96	Went, Fritz	386
Russell, E. John	215	Shower bath-brush	304	Strauss, Benno	395	Transducer	174	Wertham, Fredric	332
Russell, Robert P.	236	Shull, George H.	297, 410	Strecker, Robert	2	Transformer	279	Wester, Robert E.	25
Russian biology	15, 95	Sickle cell anemia	312	Streptomyces	211, 307, 313	Transistor	190	Wetter water	106
Russian delegates	157	Silica-magnesia catalyst	174	Stress failure point	355	Transmitting tube	128	Whales locuacious	119
Russian fundamentalism	39	Silicones	3	Strickland, Benjamin	243	Tree farming	250	Wheeler, H. H.	153
Russian goose	41	Silver, Maurice L.	248	A. Jr.	60	Tree stumps yield	90	Whipple, Fred L.	19, 21
Russian jet planes	50	Silver permanganate	57	Strickland, Richard I.	60	chemicals	377	White, Priscilla	246
Russian meson find	342	Simcoe, Elizabeth M.	52	Strom, Kanare M.	29, 294	Trichinosis	377	White, Ralph K.	210
Russian navy	221	Simms, B. T.	134	Struve, Otto	179, 316, 365	Tripi, Helen B.	375	Whitford, A. E.	46
Russian propaganda	210	Simon, F.	371	STS	72	Troutman, Harvey	214	Whitmore, Frederick W.	13
Russian uranium deposits	67	Simon, Norman	167	STS aptitude test	119	Truck, super-jeep	38	WHO awarded medal	169
Russian weapons	300	Simpson, Miriam	9	STS honorable mentions	86, 87	Trump, John G.	261	Whooping cough	344
Russians quit WHO	135	Simpson, Sylvia A.	278	STS winners	182, 183	Tschirgi, Robert T.	276	Wickard, Claude R.	344
Ryan, Francis J.	247	Sims, C. E.	16	STS winners' essays	26	Tuberculosis	211, 307, 329	Wiener, Norbert	233
Ryckmans, Pierre	238	Skates, convertible	392	STS winners, former	23	Tubocurarine	358	Wigod, Milton	310
		Ski accidents	392	Styer, John F.	130	Tucker, William B.	307	Wilcox, Paul H.	357
Sackler, Arthur M.	322	Skin blemishes sanded	118, 392	Suarez, Ramon M.	343	Tugarinov, A.	41	Wilder, Russell	396
Sackler, Mortimer D.	322	Skin diseases	156	Suchman, Edward A.	25	Tukey, John W.	307	Wildhack, W. A.	277
Sackler, Raymond R.	322	Skunk	406	Suffern, C.	358	Tullner, W. W.	141	Wiley, John T.	233
St. Patrick's pets	174	Sky atlas	249	Suicides	169	Tumen, Henry J.	84	Wilinsky, Charles F.	12
Salt shaker	224	Sky compass	391	Sulfamylon	344	Tuttle, Fordyce E.	284	Wilkinson, Hugh L. C.	390
Salter, Robert M.	121	Slesinger, H. A.	406	Sullivan, Leslie J.	9	Tuve, Merle A.	297	Wilkes, Charles	134
Sandpaper holder	128	Slicing device	391	Summerford, W. T.	28	Twin-hulled ship	231	Wilkie, J. S.	220
Sanford, Nevitt	326	Slocumb, Charles H.	277, 391	Sun, distance of	204	Twist detector	5	Wilkins, Robert W.	261
Saunders, Donald F.	297	Slope-line system	146	Sun, study of	25, 32	2.4.5.-T	76	Wilkinson, Burke	221
Sauve, N. B.	295	Sloss, Laurence L.	236	Sunglasses	224	Typewriter ribbon	208	Williams, C. J.	213
Scallop	224	Sludged blood	361	Sun's angle determined	20	Ultramatic drive	296	Williams, R. R.	360
Schaefer, Henry	7	Slusher, H. E.	110	Sun's hisses	363	Ultrasonic waves	37	Williams, Robin M., Jr.	347
Schaefer, Vincent	30	Smadel, Joseph E.	213	Sutherland, B. P.	136	Ultraviolet microscope	265	Williams, Roger J.	293
Schaffer, P. S.	260	Smallpox conquest	327	Swallowing, surgery for	363	Umbaugh, Raymond	211	Willis, Edwin R.	185
Schechter, M. S.	230	Smith, Harlan J.	21	Swanson, C. O.	25	Underdeveloped areas	238, 249	Wilson, Albert G.	406
Schein, Marcel	152, 293	Smith, Homer	13	Swearingen, John J.	118	Underground installations	278	Wilson, J. E.	153, 345
Scherer, John Otto	88	Smith, Jay Ward	261	Sweet acid aids skin	344	Undulant fever	8	Wilson, James R.	40
Scherer, Robert P.	88	Smith, Ora	76	Sweet, W. H.	131	UNESCO	101, 102, 184, 199	Wind tunnels	117, 183, 339, 355
Schevill, William E.	119	Smith, Philip L.	393	Swine disease	99	UNESCO book coupons	41	Window shades	240
Schiefer, H. F.	313	Smith, W. M.	232	Swineford, Ada	341	University grants	54	Wiper, rear-window	224
Schiffer, Betty	13	Smoke detector	256	Sylvia Goytia, Roberto	249	Uranium 6, 67, 116, 344, 361	386	Wire stripper	128
Schilling, H. K.	84	Smyth, Henry D.	331	Syphilis	116	Urethane	366	Wiseman, B. K.	386
Schilling, Robert	123	Snow crystals	30	Szent-Gyorgyi, Albert	234	Vaccinations for travel	280	Wiseman, C. L., Jr.	172
Schizophrenia	355	Snow, plant cover	46			Vacuum cleaner	304	Wolf, Harold G.	402
Schmidt, Bernhard	406	Snow sled	128	Table, convertible	160	Vagtborg, Harold	211	Wood, Gar	231
Schoen, Arthur L.	204	Soap substitutes	75	Table feet	240	van de Hulst, H. C.	307	Woodcock, Richard F.	342
Schoening, Harry W.	40, 228	Socket, electric	400	Tabun, Nazi gas	153	Vanderwarker, Richard D.	254	Wooden man for X-ray studies	261
Schrader, G.	233	Soilless gardening	140, 204	Tan, Dean Vidal	184	Van Liere, E. J.	351	Woodring, W. P.	299
Schram, Warren R.	393	Solar energy	242	Tank engines	4	van Ophuysen, Johan H. W.	322	Woods, American tropical	403
Schroeder, Henry A.	261	Solar-heated house	115	Tanner, Robert H.	175	van Son, G.	28, 159	Woodward, Theodore E.	409
Schroeder, W. C.	293	Solar microwaves	57	Tantalum metal	268	Van Wijk, Uco	47	Wool-like fiber	168
Schwarzchild, Martin	46, 105	Solomon, A. K.	344	Tape, reflective	80	Victory, John F.	332	Wools, big	152
Schwinger, Julian S.	329	Sommer, J. V.	233	Tarnoczy, T. H.	328	Vinegar in rubber-making	264	Workman, E. J.	312
Science and Humanity	186	Sorenson, C. W.	390	Taylor, Dwight W.	134, 179	Violet	286	World meeting conflicts	175
Science for peace	101	Sound waves	84, 382	Taylor, Henry Longstreet	285	Virus, vitamin starvation	360	Wrapping paper	352
Science clubs	29, 377	Southworth, George C.	57	Taylor, Margaret K.	110	Virus X	249	Wrenches	80
Science Foundation	53, 82	Speaking devices	328	TB in elephant	180	Vitamin B-12	130, 323	Wright, A. L.	297
Science previews 1949	10	Spelidel, Carl C.	268	TCA, weed-killer	258	Vitamin B-14	66	Wright Brothers	355
Science refresher course	136	Spherical container	412	Teeth	364	Vogt, William	166	Wright, Claude-Starr	386
Science Service trustees	329	Spider bite, antidote	69	Telegraph pole insulators	153	Voice intensity	310	Wright, Irving S.	390
Science societies elect	292	Spies, Tom D.	130	Telephone amplifier	96	Voice muffler	412	Wright, Sewall	291
Science Talent Institute	165	Spink, Wesley W.	8	Telephone dialing, toll	244	Voltmeter	64	Wyckoff, Charles	284
Science-teacher shortage	367	Spitzer, Lyman, Jr.	307	Telescope, British get	347	Von Frisch, Karl	269	Wyckoff, Ralph W. G.	234
Science Understanding	376	Spoehr, H. A.	361	Telescope moved	77	Von Neumann, John	233	Wynn, F. Houston	60
Science Writing awards	361	Sponge mittens	96	Teletypewriter, portable	120	Voorhies, Alexis, Jr.	232		
Scientific education	262	Sports cap	128	Television	9, 32, 48, 69, 112, 230, 272	Vorhies, Charles T.	70	Yeatter, Ralph E.	66
Scientists on U. S. jobs	123	Sportsman jacket	288	Temperature, body effect	350	Voris, LeRoy	281	Yellow fever	70
Scientist-soldiers surveyed	50	Sprayer-duster	384	Temperature regulator	128			Youden, W. J.	328
Scintillation counter	40	Sprunt, D. H.	403	Teschau, Paul E.	166			Young, Clara B.	310
Scott, Edward B.	274	Stairways for carrier	22	Tetraethylammonium chloride	261			Young, Harold	2
Scott, Kenneth G.	339	Stakman, Elvin	108	Tewfikshousha, Aly	169			Young, Robert W.	329
Scott, R. D.	134	Stall-proof system	6	Thermal analysis	230			Youths' ideals	263
Scott, W. E.	269, 313	Stanton, Frank N.	325	Thermoluminescence	297				
Scott, Wendell G.	387	Stanton, Robert E.	184	Thiamine spelling	360				
Screwdriver-hammer	64	Staples prevent limping	83	Thiooxazolodone	231				
Sea water to fresh water	229	Star clusters	47	Thomas, A. H.	229				
Sears, Paul B.	166	Star map	58, 122, 202, 266, 346, 407	Thomas, H. A.	230				
Seawater, artificial	192	Star-neighbor found	279	Thompson, H. C.	47				
Seed catalogs	89	Star, Shirley A.	343	Thorium-tungsten tubes	105				
Seifert, Martin H.	393	Starch into sugar	184	Thorn, George W.	364				
Seifter, Joseph	390	Starch substitute	24	Thunderstorms	281, 294, 312				
Seki, S. Louise	274	Stars, double	22	Thurston, E. G.	53				
Sellers, Alvin L.	391	Stars planetary parents	51	Thyroglobulin	339				
Selverstone, B.	344	Stary, Marvin L.	358	Thyroid disorders	231				
Semmens, Elizabeth Sidney	184	Stassen, Harold E.	303	Thyroxin	339				
Serber, Robert	109	Stebbins, G. Ledyard, Jr.	296	Tiemann, Harry D.	343				
Seth, R. R.	24	Stedman, D. F.	394	Tietze, Christopher	310, 397				
Severinghaus, C. W.	265	Steel, stainless	288, 394	Tire-changing light	240				
Sewing kit	336	Steenken, William, Jr.	278						
Sewing machine ripper	304	Sterba, M. J.	174						
Sex hormones	338, 396								
Sex of baby, influencing	387								
Shadid, John N.	323								
Shale-oil patents	44								

312
7. 362
288
85
376
367
233
332
25
279
297
348
194
2. 293
194
91
168
376
272
386
332
25
106
119
153
19. 21
246
210
46
W. 13
169
344
344
233
310
357
396
277
233
12
390
134
220
261
221
213
41
360
r. 343
297
185
406
59. 345
40
39. 355
240
224
128
386
172
402
231
342
261
299
cal 409
403
168
152
312
175
352
80
297
355
386
390
291
284
234
281
60
232
387
293
373
169
66
70
328
310
2
329
263
146
258
284
175
120
281
270
408)